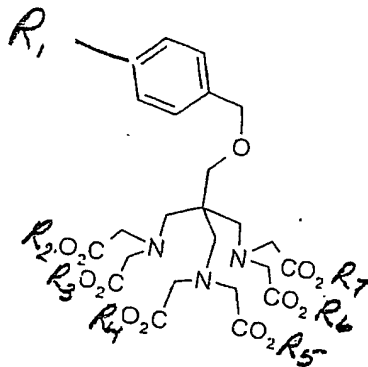


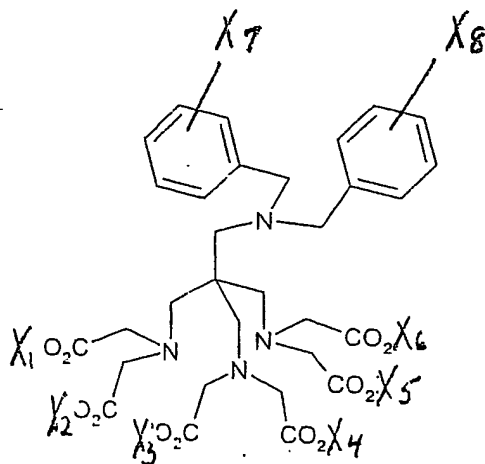
**WE CLAIM:**

1. A compound of formula



- wherein R<sub>1</sub> is a functional group, and R<sub>2</sub>-R<sub>7</sub>, which may be the same or different, are H, C<sub>1</sub>-C<sub>10</sub> branched or straight chained, substituted or unsubstituted alkyl.
2. The compound of claim 1, wherein R<sub>1</sub> is CN, SCN, O<sub>2</sub>N, COOH, SH, or a bromoacetamido group.
  3. The compound of claim 1, wherein R<sub>2</sub>-R<sub>7</sub> are the same.
  4. The compound of claim 3, wherein R<sub>2</sub>-R<sub>7</sub> are H.
  5. The compound of claim 4, wherein R<sub>1</sub> is O<sub>2</sub>N or SCN.
  6. The compound of claim 4, wherein R<sub>1</sub> is SCN.
  7. The compound of claim 3, wherein R<sub>2</sub>-R<sub>7</sub> are methyl.
  8. The compound of claim 7, wherein R<sub>1</sub> is O<sub>2</sub>N.
  9. A chelation complex of a metal ion and the compound of claim 1.
  10. A chelation complex of a metal ion and the compound of claim 6.
  11. A chelation complex of a metal ion and the compound of claim 8.

12. The chelation complex of claim 9, 10, or 11, wherein said metal ion is a radioisotope.
13. The chelation complex of claim 12, wherein said radioisotope is  $^{67}\text{Ga}^{3+}$ .
14. A compound of formula:



Wherein  $X_1$ - $X_6$  may be the same or different and are H,  $C_1$ - $C_{10}$ , branched or straight chained, substituted or unsubstituted alkyl,  $X_7$  and  $X_8$  may be the same or different and are H, or a functional group, and Y is either H or forms a C=O bond with the carbon to which it is bound.

15. The compound of claim 14, wherein all of  $X_1$ - $X_8$  and Y are hydrogen.
16. The compound of claim 14, wherein one of  $X_7$  and  $X_8$  is H and the other is CN, SCN,  $O_2N$ , COOH, SH or a bromacetamido group.
17. The compound of claim 14, wherein  $X_7$ ,  $X_8$  and Y are hydrogen, and  $X_1$ - $X_6$  are methyl.
18. A chelation complex of the compound of claim 14, 15, 16, or 17, and a metal ion.
19. The chelation complex of claim 18, wherein said metal ion is a radioisotope.
20. The chelation complex of claim 18, wherein said radioisotope is  $^{67}\text{Ga}^{3+}$ .